NYS 002 325 074

7H

GERAGHTY & MILLER, INC.
Ground-Water Consultants
Our 30th year

(1989 - February 9, 1989

VIA FEDERAL EXPRESS

Mr. Barry Tornick, Section Chief
New Jersey Facilities Section
USEPA, Room 1011
26 Federal Plaza
New York, New York 10278

Dear Mr. Tornick:

On behalf of Lenox China, Geraghty & Miller, Inc. has prepared this letter to provide information about Lenox's manufacturing facility in Pomona, New Jersey that was requested by Mr. Andrew Park, USEPA Region II, during a site visit on January 17, 1989. This information specifically addresses the underground piping between the Glaze Basin and the Slip Basin, the trichloroethene (TCE) handling facilities, the two underground storage tanks that were removed during July 1987, and the piping for the industrial wastewater treatment system.

Underground Piping Between Glaze Basin and Slip Basin

A 4-inch diameter steel pipe exists at a depth of approximately 1 to 2 feet below land surface between the Glaze Basin (now filled in) and the Slip Basin. It runs parallel to and approximately 130 ft northeast of the main manufacturing building.

Trichloroethene Handling Facilities

TCE is used in the factory to remove a protective asphaltic mask from dinnerware. Dishes are placed in the degreaser located inside the building, and the TCE with asphalt residues settles to the bottom of the unit thereby forming a sludge. The bottom of the degreaser corresponds to the "TCE Sludge Collection Station" shown on the diagram in USEPA files. The sludge is then piped to the "TCE Degreaser Pit," which is located along the outside of the plant building directly adjacent to the degreasing area inside the building. Construction details of the sump area where the hot fluid sludge drains by gravity to a storage drum are shown on the attached drawing entitled "Degreaser Filling Station Exist. Conditions." The procedures followed for drawing off the sludge and for control and handling of the sludge are included as Appendix A to this letter. Drums with sludge are transported by forklift to the "TCE Drum Storage Pad," where the wastes await shipment offsite for incineration.

Underground Petroleum Storage Tanks

During July 1987, a 8,200 gallon fuel oil tank and a 2,000 gallon gasoline tank were removed from the facility. A Geraghty & Miller, Inc. geologist was present during the excavation and sampling activities. No free product or petroleum staining was evident throughout the excavation where the tanks were located. A copy of the report describing the tank excavations that was submitted to the New Jersey Department of

125 East Bethpage Road • Plainview, New York 11803 • (516) 249-7600
Cable: WATER • Telecopy: (516) 249-7610

Letter from G&M to Lenox indicated that the samples were wastes.

Environmental Protection in October 1987 is included as Appendix B of this letter. Samples identified as V, W, X and Y were collected from the sidewalls of the excavation, approximately 3 ft below the asphalt paving. The surface material at the bottom of the excavation was tested in samples A2, E2, B2, Z1, Z2, Z3, and Z4. Sample Z5 was collected at a depth of 2 ft below the excavation surface.

Piping for the Industrial Wastewater Treatment System

Before the Slip Basin was taken out of service in late 1988, wastewater flowed through the basin as shown in the attached schematic diagram No. 5, which was submitted as part of Lenox's Part B RCRA application. Industrial wastewater now leaves the plant through a sump adjacent to the equalization sump and passes through concrete tankage which was formerly part of Lenox's sanitary wastewater system, as shown in the attached schematic flow drawing No. 2. The wastewater then flows to the treatment plant for removal of solids, to the Polishing Basin, and finally to the Tilton Road Pond prior to discharge to surface water.

We hope this information will help you complete the draft permit for Lenox's Solid Waste Management Units. It is our understanding that Mr. Park will meet with Lenox representatives in mid-February to discuss the draft permit and that Lenox will have ample time to review and comment on it before issuance.

Sincerely,

GERAGHTY & MILLER, INC.

Catherine L. Gilroy
Senior Scientist

Robert A. Saar, Ph.D.
Senior Consultant

CLG/RAS:th
Attachments
cc: L. Fantin
S. Piotrowski
A. Gustray
F. Inyard

APPENDIX A

Control and Handling of Waste Trichloroethene Sludge

CONTROL AND HANDLING OF WASTE TRICHLOROETHYLENE SLUDGE

PURPOSE:

- To define when trichloroethylene (TCE) becomes waste.
- To provide a training base.
- To restrict handling to trained personnel.

SCOPE:

- Hazardous waste characterization
- Hazardous waste labeling
- On-site movement
- Storage
- Waste shipments/hazardous waste manifest
- Spill clean up
- MSDS

PROCEDURE:

1. Hazardous Waste Characterization
   A. Define TCE sludge as a waste
      The TCE sludge becomes a waste material when the sludge that has been pumped into a storage drum in the TCE sump, has cooled and is disconnected from the draw down system. The material should then be managed as a hazardous waste.
   B. Waste Analysis
      A representative sample of the sludge is obtained quarterly for analysis (see RCRA Part B app P. 3-6). The sludge is to be analyzed for volatile organic compounds. Waste analysis information should be kept on site until facility closure.

2. Hazardous Waste Labeling
   A. As soon as the sludge drum has been disconnected from the degreaser draw down system the material is a waste, as stated above, and should be labeled at that time. An example of the hazardous waste label is shown in exhibit A. The only piece of information that need not be filled in at that time is the manifest number. This should be filled in just prior to waste shipment.

3. On-site Movement
   A. On-site movement of the waste should only be performed by fork lift or hand truck.

   B. Any operator who moves the waste by fork lift should have documented training in fork lift operations and be trained in the hazards and spill clean up procedures for the waste.

4. Storage
   A. The only facility permitted for the storage of the waste is the drum storage pad (see exhibit B).

   B. A note should be made in the daily RCRA inspection log as to the number of waste drums on the drum pad. Additional comments should be made as to poor drum conditions, improper placement of waste drums, or missing or deficient labels on drums.

5. Waste Shipments/Hazardous Waste Manifest
   A. Scheduling of waste shipments should be made in such a way so as to allow for the pick up of the waste every 90 days. This may require the scheduling of a shipment as soon as, or shortly after, a shipment has been made.

6. Hazardous Waste Manifest
   A. A hazardous waste manifest must accompany each waste shipment.

   B. The manifest should be completed as shown in exhibit C.

   C. The manifest document number (line 1) will change for each shipment and should be kept so as to avoid duplication of numbers.

   D. The transporter (line 5) and EPA I.D. number (line 6) may change from shipment to shipment and should only be filled in once the transporter is on site. The State transporter I.D. number (line C) and phone number (line D) should be obtained directly from the driver.

   E. The disposal facility (line 9) will remain the same until further notice.

   F. The proper shipping (line 11) for the TCE sludge is:

      WASTE ORM-A, N.O.S.
      ORM-A NA1693 (F001)

G. The appropriate number of containers, container type, quantity and unit should be entered into lines 12, 13, and 14 respectively.

H. The waste number (line I) for the waste is F001.

I. In the appropriate box for additional information (line J) the following should be entered:

25% Trichloroethylene
75% Asphalt, S, T

J. An authorized person should print and sign their name and date the manifest (line 16).

K. The transporter should do the same on line 17.

L. If a New Jersey manifest is used, distribute copies as follows:

Copies 1 through 5 go with the transporter.

Copies 6 and 7 are sent by Lenox to the State of New Jersey.

Copy 8 is retained in Lenox files.

Copy 3 will be returned by the disposal company and should be attached to Copy 8 for that specific shipment.

M. A land disposal restriction disclaimer will need to be completed as shown in Exhibit D and accompany the waste manifest. Retain a copy of this disclaimer for the files.

N. All hazardous waste manifests should be kept on site and retrievable until facility closure.

7. Spill Clean Up
   A. Clean-up equipment
      1) Protective clothing
         a) rubber gloves
         b) rubber boots
         c) pe/tyvek suit

2) Respiratory protection
   a) Self Contained Breathing Apparatus
3) Clean-up materials
   a) saw dust, absorbent pads or absorbent boom
   b) polyester lined fiber drum
   c) shovel

B. Clean-up procedures
1) Notify guard on duty to obtain help and to help secure are of spill.
2) Don protective clothing and respiratory protection equipment.
3) Stop source of leak if at all possible.
4) Protect from run off to surface waters and ground waters.
5) Confine spill to as small an area as quickly as possible.
6) Absorb with sawdust or other absorbent material.
7) Shovel into polyester lined fiber drum.
8) Remove any remaining liquid or contaminated soil to lined fiber drum. If possible, wet vacuum area and dispose of waste water with other soil and liquids.
9) Once the spill has been contained and all remediation activity accomplished, dispose of contaminated clothing in lined fiber drums.
10) Notify guard of spill of containment of spill.
11) Comply with spill notification requirements.
12) Maintenance staff should initiate an incident investigation and file an incident report of all spill related activities.

C. Chemical Exposure
If any persons are exposed to TCE, refer to MSD sheet for first aid information and seek medical attention.

N.B. Due to the extremely low drinking water standards with respect to TCE, never leave TCE spills unaddressed or flush to sewers surrounding grounds.

8. MSDS

See exhibit D.

Exhibit A

HAZARDOUS WASTE

ORM-A

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL

IF FOUND, CONTACT THE NEAREST POLICE, OR
PUBLIC SAFETY AUTHORITY, OR THE
U.S. ENVIRONMENTAL PROTECTION AGENCY

PROPER D.O.T. SHIPPING NAME WASTE ORM-A, N.O.S. OR NA# 1693

GENERATOR INFORMATION:

NAME LENOX CHINA

ADDRESS TILTON ROAD

CITY POMONA STATE NJ ZIP 08240

EPA ID NO. NJD 002325074 EPA WASTE NO. F001

ACCUMULATION START DATE _____ MANIFEST DOCUMENT NO. _____

ll in date when
um is removed from
awdown system.

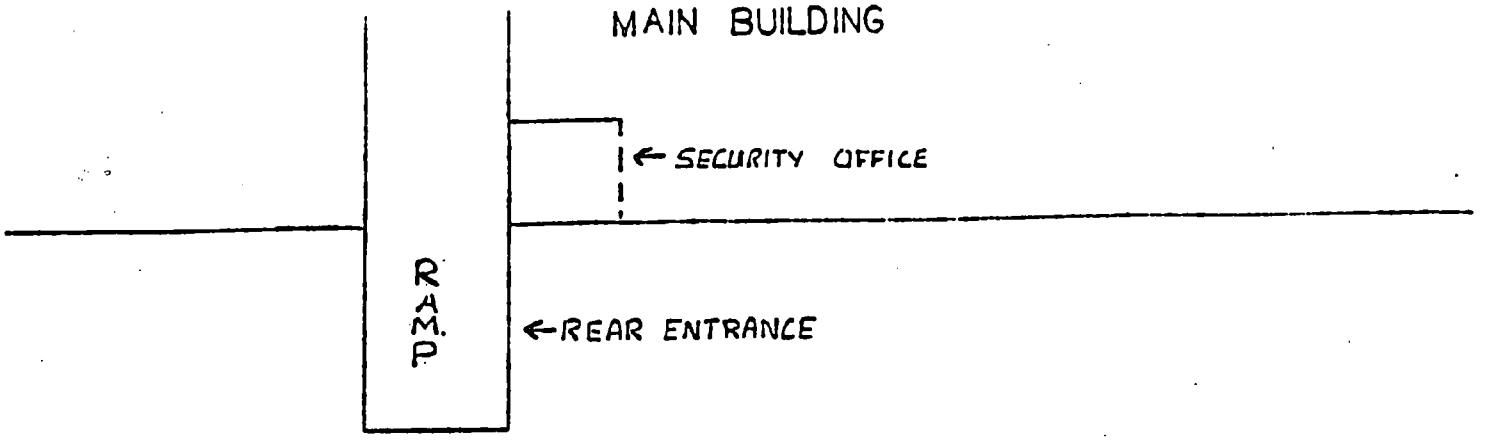
HANDLE WITH CARE!

CONTAINS HAZARDOUS OR TOXIC WASTES

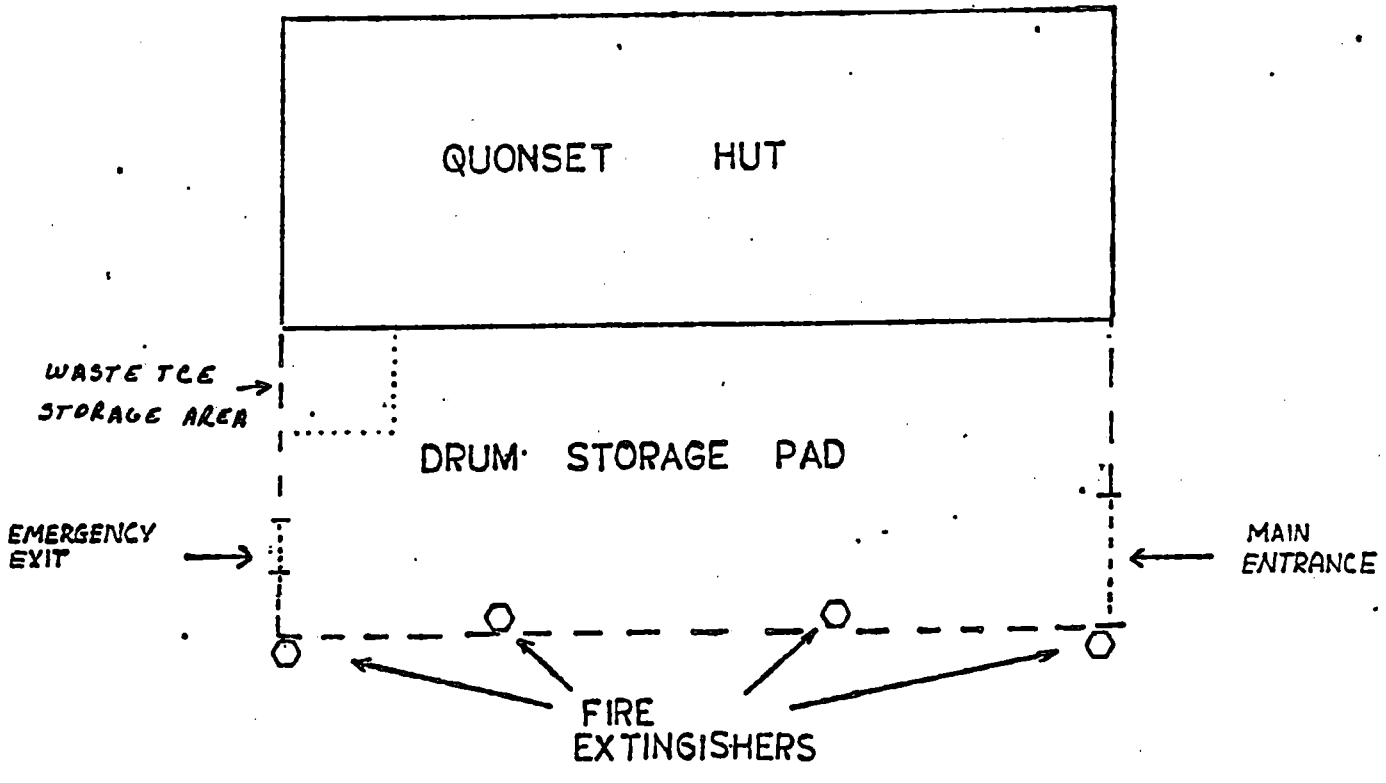
Fill in only after all manifest data has been collected and manifest has been correctly typed.

Exhibit B ...

DRUM STORAGE PAD DIAGRAM



DRIVE WAY



State of New Jersey
Department of Environmental Protection
Division of Waste Management
CN 028, Trenton, NJ 08625

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: NJD002327074 | 2 Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3 Generator's Name and Mailing Address
Lenox China
Tilton Road, Pomona, NJ 08240
4 Generator's Phone: (609) 641-3700

A State Manifest Document Number: NJA 0252354
B. State Gen. ID: SAME

5 Transporter 1 Company Name: S-J Transportation, Inc.
6 US EPA ID Number: NJD055272904
C. State Transporter's ID: NJDEP SO 3978-20568

7 Transporter 2 Company Name:
8 US EPA ID Number:
D. Transporter's Phone: (609) 769-2741
E. State Transporter's ID:

9 Designated Facility Name and Site Address
Rollins Environmental Services (NJ) Inc.
Rt. 322
Bridgeport, NJ 08014
10 US EPA ID Number: NJD053218219
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: (609) 467-3100

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13 Total Quantity	14 Unit Wt/Vol	I. Waste No
a. WASTE ORM-A, N.O.S. ORM-A NA 1693 (F001)	1	2	2200	P	F001
b. SAMPLE					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
25% Trichloroethylene
75% Asphalt, S, T

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and all applicable state laws and regulations.
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.
Printed/Typed Name | Signature | Month | Day | Year

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

NJA 0252354

1 - TSD MAIL TO - TSDIS STATE

Exhibit D

ATTACHMENT A

LAND DISPOSAL RESTRICTIONS INFORMATION - RESTRICED WASTE FOR INCINERATION

Customer Name: LENOX CHINA
Address: TILTON ROAD
POMONA, NJ 08240

EPA ID Number: NJD 002325074
Reference Number: L- 6861

Under manifest number NJA 0252354 we are shipping to you for incineration, a waste stream classified by EPA Hazardous Waste Number F001.

This stream contains the follwoing constituents identified in Table CCWE of 40 CFR 286. (copy below) and must be treated at least to the level specified below:

Constituent	Treatment Standard
TRICHLOROETHYLENE, 25%	0.091 mg/l
SAMPLE	

TABLE CCWE - CONSTITUENT IN WASTE EXTRACT

[redacted] F001-F005 spent solvents	Concentration (in mg/l) Wastewaters containing spent solvents	All ot spen solve waste
Acetone	0.05	0.59
n-Butyl alcohol	5.0	5.0
Carbon disulfide	1.05	4.81
Carbon tetrachloride	.05	.96
Chlorobenzene	.15	.05
Cresols (and cresylic acid)	2.82	.75
Cyclohexanone	.125	.75
1.2 - dichlorobenzene	.68	.125
Ethylacetate	.05	.75
Ethylbenzene	.05	.053
Ethylether	.05	.75
Isobutanol	5.0	5.0
Methanol	.25	.75
Methylene chloride	.20	.96
Methylene chloride (from the parmaceutical industry)	12.7	.96
Methylene ethyl ketone	0.05	0.75
Methyl isobutyl ketone	0.05	0.33
Nitrobenzene	0.65	0.125
Pyridine	1.12	0.33
Tetrachloroethylene	0.79	0.05
Toluene	1.12	0.33
1.1.1. Trichloroethane	1.05	0.41
1.2.2. Trichloro - 1.2.2 trifluroethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoremethane	0.05	0.96
Xylene	0.05	0.15

Authorized representative signature Frederick J. Manley Date 9/4/87

Print or type name FREDERICK J. MANLEY Title ENVIRONMENTAL ENGINEER

WASTE SAFETY SHEET

LENOX CHINA
POMONA, NJ

Waste Designation: ACID RESIST SLUDGE

L-6861 EPA # F001 STATE

CHEMICAL COMPOSITION:

Component Name	Formula	Range W %	Flash Pt. °F
Asphaltum		20-35	
Wax		30-45	
Trichloroethylene	$CHClCCl_2$	10-40	
Varnish		1-4	
Bone black		1-3	
Oil		1-2	
Xylene	$C_6H_4(CH_3)_2$	0-1	81
Naptha		0-1	

PHYSICAL PROPERTIES:

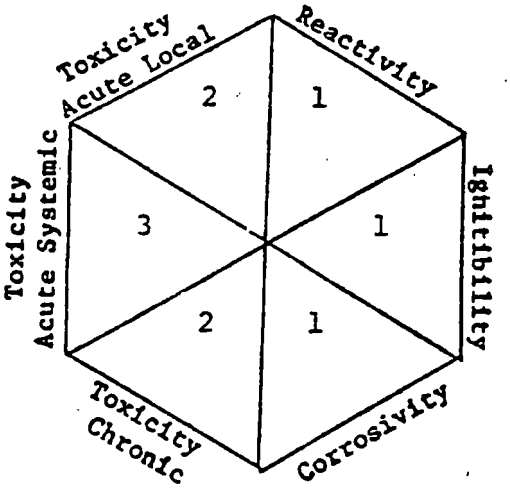
Physical Character: Sludge

Color: Dark Odor:

Flash Point ☐ <100°F ☐ <140°F ☒ >140°F

HAZARD CODE INFORMATION

4=Red-Severe 3=Orange-High



2=Yellow-Moderate 1=Blue-Low

INSPECTION FOR RECEIPT APPROVAL: N/A

Parameter	Min. - Limits - Max.	

CHEMICAL COMPATIBILITY:

No unusual reactivity.

TREATMENT METHOD/PROCESS NOTES:

Store only on drum storage pad

Ship off site for treatment via incineration

☐ There is a special procedure for this waste.

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:

TYVEK

- ☒ Hard Hat
- ☒ Rubber Gloves
- ☒ Rubber Boots
- ☒ Safety Glasses
- ☐ Splash Goggles or Face Shield
- ☒ Air-Supplying Respirator
- ☐ Air-Purifying * Respirator
- ☒ Protective Suit
- ☐ Other

Type:

*Spill clean up or repack

2/8/88
Date Completed

F J Manley
Author's Name

PROCEDURE SIGN-OFF.

PROCEDURE: Pomona EPA 020

TITLE: Control and Handling of Waste Trichloroethylene Sludge

EFFECTIVE DATE:

REVIEW DATE:

		INITIAL	DATE
PREPARED BY:	F. J. Manley Environmental Engineer	FJM	5/20/88
APPROVED BY:	R. M. Hopkins Plant Manager	RMH	5/24/88
	G. Barnum Plant Manufacturing Engineer	GB	5/25/88
	C. Asselta Director, Human Resources	CA	5/27/88

APPENDIX B

Information about Underground Storage Tanks and their Removal During July 1987

LENOX
CHINA · CRYSTAL
POMONA NEW JERSEY 08240

VIA EXPRESS MAIL

October 8, 1987

Kenneth Goldstein
N.J. Department of Environmental Protection
Underground Storage Tank Section
Division of Water Resources
Bureau of Ground Water Quality Management
CN 028 401 E. State Street
Trenton, New Jersey 08625

Re: Underground Storage Tanks
Lenox China
Pomona Plant

Dear Mr. Goldstein,

On May 7, 1986 we registered two underground storage tanks at the Lenox China Plant in Pomona, N.J. (See attached NJDEP registration questionnaire form.)

These tanks were removed during our two week plant shutdown period July 20 thru August 2 because they were no longer required for plant operations. There was no problem with these tanks. The excavated area was tested and no contamination was found (see attached test reports).

The tanks were removed off site to Camden Iron, 6th & Atlantic, Camden, N.J.

Attached for your information and reference is a listing of general project information noting contractors and test laboratory.

Please call me at (609) 641-3700 if you have any questions or need additional information.

Sincerely,

A.J. Gustray
Director, Facilities Engineering

AJG/pm
Attachments

DISTRIBUTION:
w/enclosures

T.H. Brasher
S.F. Lichtenstein
W.R. Miller
S.J. Piotrowski
R.J. Sullivan (N.J. First)
~~R.A. Saar (GMI)~~

Let's protect our earth

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Water Resources
CN-029
Trenton, New Jersey 08625

FOR STATE USE ONLY		
UST #-		
	YES	NO
CK. IN.	☐	☐
AMT.	☐	☐
AUTH.	☐	☐
SP. ROUTE	☐	☐
SITE PLN.	☐	☐
SIGN.	☐	☐
COMCODE		

UNDERGROUND STORAGE TANK REGISTRATION QUESTIONNAIRE

Bureau of Ground Water Quality Management
Underground Storage Tank Section
(609)984-9736

COMPLIANCE WITH THIS REGISTRATION WILL MEET ALL REGISTRATION REQUIREMENTS OF THE FEDERAL LAW, P.L. 93-616, THE HAZARDOUS AND SOLID WASTE AMENDMENTS OF 1984, SUBTITLE 1, SECTIONS 9001-9010.

General Facility Information

1. Facility name: LENOX CHINA

2. Facility location: TILTON ROAD (NUMBER AND STREET)
POMONA (CITY OR MUNICIPALITY)
ATLANTIC (COUNTY) NJ (STATE) 08240 (ZIP CODE)

3. Owner's mailing address: 100 LENOX DRIVE (NUMBER AND STREET)
LAWRENCEVILLE (CITY OR MUNICIPALITY)
MERCER (COUNTY) NJ (STATE) 08648 (ZIP CODE)

4. Owner's name: LENOX INCORPORATED

5. Contact person (Facility Operator) AJ GUSTRAY DIR FACILENG (PERSON OR TITLE)

6. Contact telephone number: 609 (AREA CODE) 641 (EXCHANGE) 3700 (NUMBER)

7. Total number of facility underground storage tanks: 0002 (Complete Questions 12 thru 33 for each tank)

8. Total facility underground storage tank capacity (gallons): 001020 0

9. Type and status of owner (mark all that apply).

A. ☒ CURRENT B. ☐ FORMER C. ☐ STATE OR LOCAL GOVERNMENT D. ☒ PRIVATE OR CORPORATE E. ☐ OWNERSHIP UNCERTAIN F. ☐ FEDERAL GOVT (GSA FACILITY I.D. NUMBER)

10. Two copies of a site plan are submitted with this registration. A. ☒ YES B. ☐ NO

Submit two (2) copies of SITE PLAN showing facility or property boundary, buildings and the location of ALL underground storage tanks. EITHER, an existing engineering site plan, if available, OR a neat and legible hand-drawn sketch of the site may be submitted. In either case the site plan or sketch MUST show the location and distances that tanks, buildings, and dispensers are from the facility's property boundary. Include all tanks that are operating or existing, (E); abandoned, (A); or closed, (C). Each underground tank on the site plan or sketch shall be numbered in accordance with the instructions for question 12. The number assigned to a tank on the site plan or sketch MUST match and be identical to the tank identification number assigned to that tank on this form.

INCLUDE FACILITY NAME, OWNER'S NAME, FACILITY ADDRESS AND TELEPHONE NUMBER ON ALL SITE PLANS.

11. All underground tanks used after January 1, 1974 including those taken out of operation, **(UNLESS THE TANK WAS REMOVED FROM THE GROUND)** must be included in this registration. All in-ground tanks shall be reported as underground tanks on this questionnaire regardless of their current status; Existing, E; Abandoned, A; or Closed C.

SPECIFIC TANK INFORMATION

	TANK NO.	TANK NO.	TANK NO.	TANK NO.	TANK NO.
12. Tank Identification Number	E1	E2			
13. CASRN Number (Hazardous Substances Only)					
14. Tank Age (Years)	22	22			
15. Tank Size (gallons)	8200	2000			
16. Tank Contents (MARK ONE X)					
A. Leaded gasoline	☐	☐	☐	☐	☐
B. Unleaded gasoline	☐	☒	☐	☐	☐
C. Alcohol enriched gasoline	☐	☐	☐	☐	☐
D. Light diesel fuel (No. 1-D)	☐	☐	☐	☐	☐
E. Medium diesel fuel (No. 2-D)	☐	☐	☐	☐	☐
F. Waste oil	☐	☐	☐	☐	☐
G. Kerosene (No. 1)	☐	☐	☐	☐	☐
H. Home heating oil (No. 2)	☒	☐	☐	☐	☐
J. Heating oil (No. 4)	☐	☐	☐	☐	☐
K. Heavy heating oil (No. 6)	☐	☐	☐	☐	☐
L. Aviation fuel	☐	☐	☐	☐	☐
M. Hazardous substances (per Fact Sheet)	☐	☐	☐	☐	☐
N. Other; Please Specify					
17. Tank and Piping Construction (MARK ALL THAT APPLY X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Bare steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
B. Carbon steel	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐
C. Stainless steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
D. Aluminum	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
E. Polyvinyl chloride	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
F. Concrete	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
G. Bronze	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
H. Earthen walls	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
J. Fiberglass reinforced plastic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
K. Fiberglas-clad steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
L. Painted/asphalt steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
M. Vaulted	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
N. Composite	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
P. Iron (cast or ductile)	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
R. Non-metallic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
S. Other; Please Specify					
18. Tank and Piping Structure (MARK ALL THAT APPLY X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Single wall	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐
B. Double wall	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
C. Manway in tank	☒	☐	☐	☐	☐
19. Internal Tank and Piping Lining (MARK ONE X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Rubber	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
B. Epoxy	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
C. Alklyd	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
D. Phenolic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
E. Glass	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
F. Clay	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
G. None	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐

Tank I.D. No.	TANK NO. E1		TANK NO. E2		TANK NO.		TANK NO.		TANK NO.	
20. Tank and Piping Lining installed (MARK ONE X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. At purchase of tank	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Retrofitted	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
21. Secondary containment (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Liner	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Vault	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Double wall	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
E. Other, Please Specify										
22. External Type/Application of Cathodic Protection (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Wrapped	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Sprayed	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Sacrificial anode	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. Impressed current	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
F. Other, Please Specify										
23. Monitoring/detection method (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Automatic sampling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Manual sampling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Ground water monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. System in secondary containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. System outside backfill	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. System within piping (piping leak detector)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
24. Type of monitoring/detection system (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Continuous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Event activated	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Audio	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. Visual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. Electric sensor	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. Stock/inventory control (manual)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. Stock/inventory control (electronic)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H. Tile drain	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
J. Vapor sniff wells	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
K. Internal inspection	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
L. Other, Please Specify										
M. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
25. Testing history recorded (MARK ALL THAT APPLY X)										
A. Yes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. No	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
C. Test Result (MARK IF LEAKING NOW)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
26. Leak/spill occurrence (MARK ALL THAT APPLY X)										
A. Within the past 1 year	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Within the past 1 to 5 years	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. More than 5 years ago	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. No Records	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐

	Tank I.D. No.	TANK NO. E 1	TANK NO. E 2	TANK NO.	TANK NO.	TANK NO.
27. Tank Status (MARK ONE X) A. Active (operational)		X	X			
B. Inactive (non-operational)						
C. Closed (temporarily out-of-service)						
D. Closed (permanently out-of-service)						
* SEE BELOW E. Abandoned, in place						
F. Abandoned, in place, filled only						
G. Abandoned, in place, sealed only						
H. Abandoned, in place, filled and sealed						
J. Seasonal						
K. Prior retrofitting work, Please Specify						
L. Other, Please Specify						
28. Spill recovery system on-site (MARK ONE X) A. Yes						
B. No		X	X			
29. Overfill protection (tank only) (MARK ONE X) A. Yes						
B. No		X	X			
30. Emergency shut-off mechanisms (dispensers) (MARK ONE X) A. Yes						
B. No		X	X			

* If boxes 27 E, F, G or H above have been answered - answer questions 31, 32 and 33 below.

31. Substance last used in tank (MARK ONE X) A. Leaded gasoline					
B. Unleaded gasoline					
C. Alcohol enriched gasoline					
D. Light diesel fuel (No. 1-D)					
E. Medium diesel fuel (No. 2-D)					
F. Waste oil					
G. Kerosene (No. 1)					
H. Home heating oil (No. 2)					
J. Heating oil (No. 4)					
J. Heavy heating oil (No. 6)					
K. Aviation fuel					
L. Hazardous substances (per Fact Sheet)					
M. Other, Please Specify					
32. Estimated date last used (month/year)	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr
33. Estimated quantity (gallons) left in tank					

OWNER OR OWNER'S AGENT CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Albert J. Gustray 5-7
(SIGNATURE)

ALBERT J. GUSTRAY
(PRINT OR TYPE NAME)

DIRECTOR, FACILITIES ENGINEERING
(TITLE)

UNDERGROUND TANK REMOVAL

GENERAL PROJECT INFORMATION

During the week of 20 July 1987 Lenox China removed previously registered (5/7/86) underground storage tanks for fuel oil (8,200) and gasoline (2,000 gal).

- This work was planned and coordinated by the prime contractor:
  S.A.R., Inc.
  100 Route 130
  N. Collingswood, N.J. 08108
  (609) 858-1400

- Tanks were cleaned and certified non-hazardous by:
  PROTANK Div. of Rezultz, Inc.
  PO Box 92
  Franklinville, N.J. 08322
  (609) 696-0222

- Tank cleanup residues were removed by:
  Casie Enterprises Div. of Rezultz, Inc.
  N.J. Hazardous Waste Manifest #NJA0335217
  Dated: July 21, 1987

- Waste was consigned to:
  Rezultz, Inc.
  Permit #NJD045995693

- S.A.R. excavated tanks for removal by:
  Cline Crane
  Bellmar, N.J.

- Scrap tanks were consigned to:
  Camden Iron
  6th & Atlantic

- Lab samples for hydrocarbons were run by the Casie Enterprises Lab
  Test from:
  "Test Methods for Evaluating Solid Waste"
  Physical/Chemical Methods
  3rd Edition 11/86 U.S.E.P.A. SW-846

GERAGHTY & MILLER, INC.
Ground-Water Consultants

September 21, 1987

Mr. A.J. Gustray, Director
Facilities Engineering
Lenox China, Inc.
Tilton Road
Pomona, N.J. 08240

Re: Water sample from Pomona tank excavation

Dear Mr. Gustray:

For your files, I am enclosing test results for a water sample taken by Carol Karp from the tank excavation at your Pomona plant. There is no indication of gasoline or fuel oil contamination.

Please contact me if you have any questions.

Sincerely,

GERAGHTY & MILLER, INC.

Robert A. Saar

Robert A. Saar, Ph.D.
Associate

RAS:ts

RECEIVED SEP 25 1987

125 East Bethpage Road • Plainview, New York 11803 • (516) 249-7600
Cable: WATER • Telecopy: (516) 249-7610

QC Inc
1205 INDUSTRIAL HIGHWAY • P.O. BOX 514 • SOUTHAMPTON, PA 18966-0514 • (215) 355-3900

CUSTOMER: Geraghty & Miller
SAMPLE DATE: 07/22/87
SAMPLE NUMBER: 5226
SAMPLE IDENTIFICATION: Project NO627PM1, Sample ID #1, Lenox China

Parameter	Result	Detection Limit ppb
Gasoline	ND	< 5.
Fuel Oil	ND	< 11.

NOTE: Method: Purge/Trap with P.I.D. (602)

QC, INC.

All testing is conducted in accordance with EPA methodology.

CASIE
enterprise
A Division of Rezultz, Incorporated

July 29, 1987

Sample Identification: Lenox China c/o S.A.R.
Tilton Road
Pomona, NJ 08240

Date Sampled: July 23, 1987

Date Analyzed: July 24, 1987

Analysis: Petroleum Hydrocarbons (PHC)

SAMPLE NO.	RESULTS, ppm
A 2	65
E 2	85
V	<30
W	<30
X	<30
Y	<30
B 2	<30
Z 1	<30
Z 2	<30
Z 3	<30
Z 4	<30
Z 5	<30

Submitted by:

Robert A. White
Laboratory Director

RAW/lbh

PROTANK

A Division of Rezultz Inc.

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory

[signature]

TITLE MGR FACILITIES SVS DATE 7/31/87

Submitted By [signature]

PROTANK

PROFESSIONAL TANK & SPILL SERVICE

A Division of Rezultz Inc.
P.O. Box 92 • Franklinville, NJ 08322
696-0222

8207

Deliver From Lenox China

Address Tilton Road

Pomona N.J.

Tank Truck
Salesman _____ Time _____ am pm

Approval _____ RFI# _____

☐ Sale ☐ Disposal ☐ Purchase

OILS LAB	MANIFEST#
CHLORINATED CONTENT____PPM	2000 GAL TANK
BS&W____%	METALS
FLASH____°F	☐ As ____
PHC____PPM	☐ Ba ____
	☐ Cd ____
	☐ Cr ____
	☐ Pb ____

Product	Gals.	Price	Amount
NOA1	1412	Vessel	

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory:

George Krumbe

TITLE Mgr DATE 9/21/89

Submitted By: _____

PROTANK

PROFESSIONAL TANK & SPILL SERVICE

A Division of Rezultz Inc.
P.O. Box 92 • Franklinville, NJ 08322
696-0222

9955

Deliver From Lenox China

Address Tilton Road

Pomona N.J.

Tank Truck
Salesman _____ Time _____ am pm

Approval _____ RFI# _____

☐ Sale ☐ Disposal ☐ Purchase

OILS LAB	MANIFEST#
CHLORINATED CONTENT____PPM	
BS&W____%	METALS
FLASH____°F	☐ As 8000 GAL
PHC____PPM	☐ Ba
	☐ Cd TANK
	☐ Cr ____
	☐ Pb ____

Product	Gals.	Price	Amount
NOA1	1412	Vessel	

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory:

_____

TITLE _____ DATE _____

Submitted By: George Krumbe

State of New Jersey
Department of Environmental Protection
Division of Waste Management

UNIFORM HAZARDOUS WASTE MANIFEST

NJA 0335217

Tilton Road, Pomona NJ 08240

4. Generator's Phone (609) 641-3700

B. State Generator's ID: SAME

5. Transporter 1 Company Name: Casie Enterprises/Protank — US EPA ID Number: N J D 0 4 5 9 9 5 6 9 3

C. State Transporter's ID: NJDEP56747 2C374

D. Transporter's Phone (609) 696-4401

7. Transporter 2 Company Name

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Rezutla, Inc.
3209 N. Mill Road
Vineland NJ 08360

10. US EPA ID Number: N J D 0 4 5 9 9 5 6 9 3

G. State Facility's ID: 0614D

H. Facility's Phone (609) 696-4401

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Combustible Liquid N.O.S., Combustible Liquid NA1993	0 0 1	T T	2550	G	X 7 2 6
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
L, T

K. Handling Codes for Wastes Listed Above
T04 Filter

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford

Printed/Typed Name: John F. Kunkela — Signature: [signature] — Month Day Year: 07 21 87

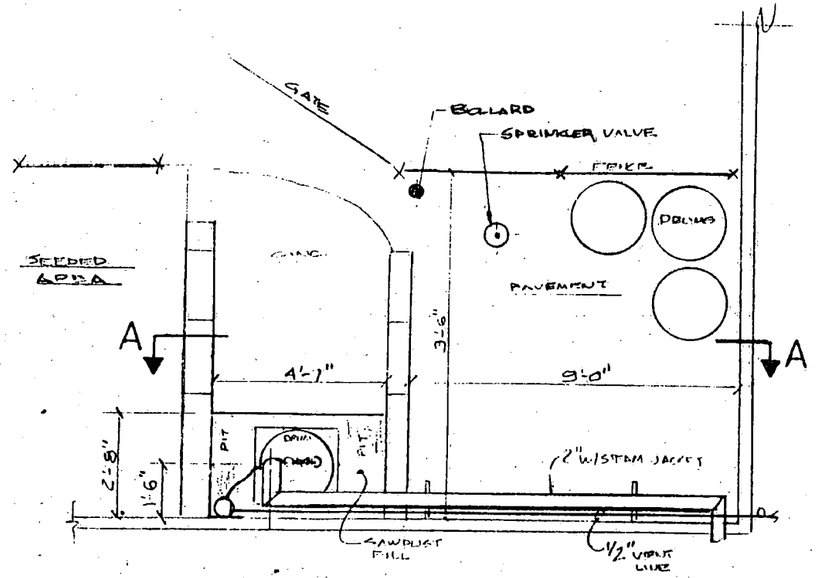
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: George Mendoza — Signature: [signature] — Month Day Year: 07 21 87

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

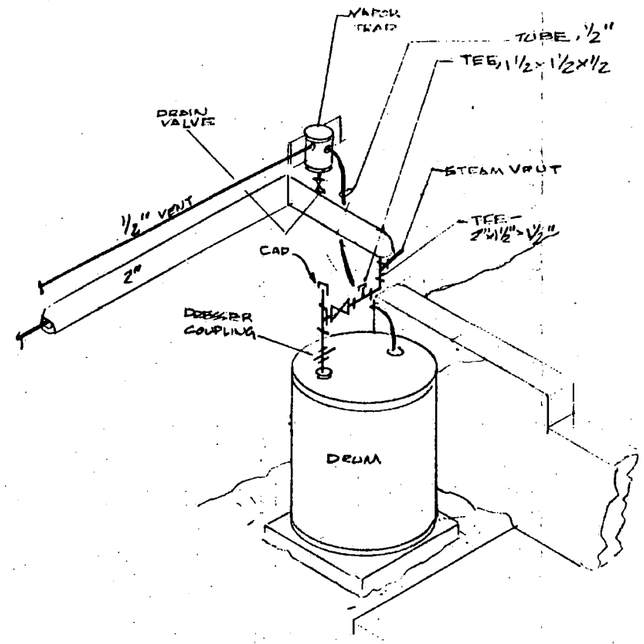
19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — 07 21 87

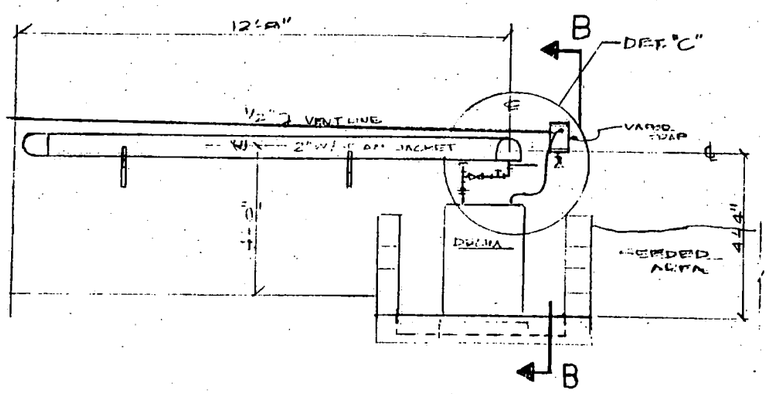
In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)



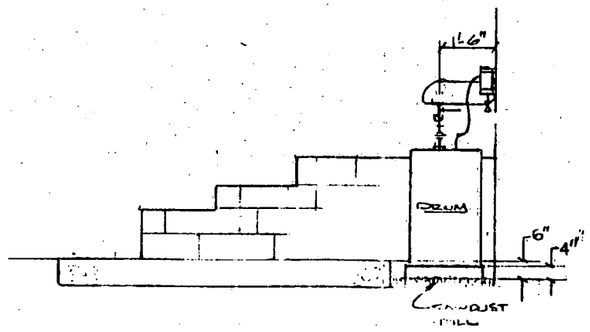
PLAN



DETAIL "C"



SECTION "A-A"



SECTION "B-B"

TITLE: DEGREASER FILLING STATION EXIST. CONDITIONS		SCALE 1/4"=1'-0"	DRN. R. M. Anderson	DATE 11/3/88		
			APPR.	DATE	REV. LET.	REVISION DESCRIPTION / BY DATE
TOLERANCES UNLESS SPECIFIED DEC. ± FRAC. ±	MATERIAL —	—	LENOX, INC.		DWG. No. B-1132-43	